

Converting Colors

CIELCh(82, 47.656, 71.856)

Have a look what the booklet for
CIELCh(82, 47.656, 71.856) contains.

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Color

CIELCh(82, 47.553, 72.223)

Conversions

Conversions Part 1

Format	Color
Hex	FFC077
RGB	255, 192, 119
RGB Percent	100%, 75%, 47%
CMY	0.0000, 0.2470, 0.5333
CMYK	0.00, 0.25, 0.53, 0.00
HSL	32°, 100%, 73%
HSV	32°, 53%, 100%
XYZ	63.4265, 60.2982, 25.7514
YIQ	202.5150, 60.9810, -9.3470

Conversions

Conversions Part 2

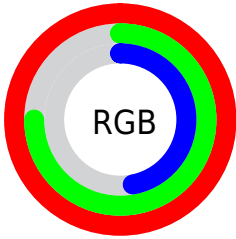
Format	Color
R_{YB}	236, 255, 119
Decimal	16760951
CIE Lab	82.00, 14.52, 45.28
CIE LCh	82, 47.553, 72.223
Yxy	60.2982, 0.4243, 0.4034
Android (android.graphics.Color)	4294951031 (0xFFFFC077)
YUV	202.5150, -41.1729, 46.0293
Hunter-Lab	77.6519, 9.9090, 34.6942

Details

The CIELCh color **82, 47.553, 72.223** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 42.238, 269.995**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 38.414, 103.106**, and **62, 47.655, 72.745** is the 20% darker color. If you saturate the color by 10%, you get **79, 57.259, 70.791**, and if you desaturate by 10%, it is **85, 37.941, 73.613**.

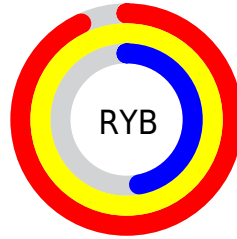
Distribution



Red (100%)

Green (75%)

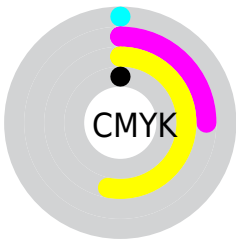
Blue (47%)



Red (93%)

Yellow (100%)

Blue (47%)

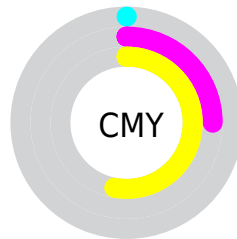


Cyan (0%)

Magenta (25%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 47.553, 72.223 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 82, 47.553, 72.223 by changing the saturation by 10% instead.

 82, 47.553, 72.223

 82, 47.553, 72.223

 100, 47.553,
72.223

 72, 47.553, 72.223

 62, 47.553, 72.223

 52, 47.553, 72.223

 42, 47.553, 72.223

 32, 47.553, 72.223

 22, 47.553, 72.223

 12, 47.553, 72.223

 2, 47.553, 72.223

 0, 47.553, 72.223

82, 47.553, 72.223

82, 47.553, 72.223

79, 57.259, 70.791

85, 37.941, 73.613

76, 66.695, 69.219

88, 28.606, 74.963

73, 75.139, 67.356

92, 19.613, 76.287

71, 81.477, 64.914

95, 10.975, 77.576

69, 84.349, 62.920

99, 2.680, 78.735

100, 0.012,
296.813

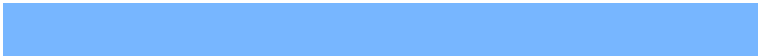
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82, 47.553, 72.223



73, 42.238, 269.995

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 47.553, 72.223



82, 47.553, 122.223



82, 47.553, 252.223



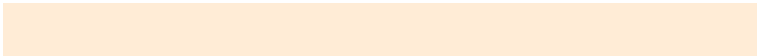
82, 47.553, 302.223

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82, 47.550, 72.232



94, 13.248, 77.236



68, 58.905, 351.770



50, 8.983, 76.972



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 47.550, 72.232



79, 57.907, 70.691



97, 66.188, 106.709



51, 4.644, 78.052



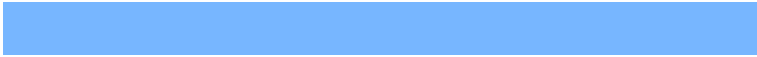
53, 67.753, 63.616



17, 27.047, 65.529

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73, 42.238, 269.995



67, 50.504, 273.487



57, 77.142, 299.060



50, 4.566, 260.631



39, 62.714, 287.590



11, 25.363, 281.336

Previews

White Background



This preview shows how the CIELCh color 82, 47.553, 72.223 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 82, 47.553, 72.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

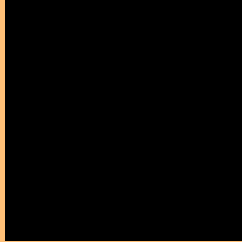
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 47.553, 72.223

Background



This preview shows how black text looks on a background with the CIELCh color 82, 47.553, 72.223.



This preview shows how white text looks on a background with the CIELCh color 82, 47.553, 72.223.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
82, 26.850, 8.191

Trichromacy



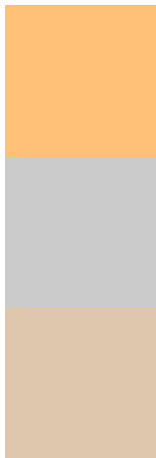
Original Color
82, 47.553, 72.223

Protanomaly
82, 43.483, 86.646

Deuteranomaly
82, 47.255, 75.562

Tritanomaly
82, 28.902, 41.360

Monochromacy



Original Color
82, 47.553, 72.223

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 16.922, 76.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 47.553, 72.223 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 192, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 119)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 192, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 47.553, 72.223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 119) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 192, 119) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 192, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 47.553, 72.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 119) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
192, 119) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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